

## Claims

- 5 1. Microphone unit (10) for mobile equipment, comprising a microphone pick up (2) located within a microphone pick up housing (3) forming a chamber (4), said housing (3) being provided with at least one sound passage opening (5) for receiving sound from a sound field external to said chamber (4), characterised in that said at least one sound passage opening (5) is provided with at least one wind noise reduction element (6).
- 10 2. Microphone unit (10) according to claim 1, wherein said wind noise reduction element (6) comprises a mesh having one layer.
3. Microphone unit (10) according to claim 1, wherein said wind noise reduction element comprises a mesh having a plurality of layers.
- 15 4. Microphone unit (10) according to any one of the claims 2-3, wherein the ratio between the chamber size and the density of the mesh is arranged to provide a directional microphone.
5. Microphone unit (10) according to any one of the previous claims, wherein the mesh is made of metal.
6. Microphone unit (10) according to any one of the previous claims, wherein the mesh is made of polymer material such as nylon.
- 20 7. Microphone unit (10) according to any one of the previous claims, wherein said housing (3) extending in a longitudinally direction is a cylinder having a shielding surface (7) and a side surface (8).

8. Microphone unit (10) according to claim 7, wherein said sound passage opening is a hole extending in the longitudinally direction in said shielding surface (7).
- 5 9. Microphone unit (10) according to claim 7 or 8, wherein said sound passage opening is a hole in said side surface (8).
10. Microphone unit (10) according to any one of the preceding claims, wherein said microphone unit (10) is directional.
- 10 11. Microphone unit (10) according to any one of the preceding claims 1-9, wherein said microphone unit (10) is non-directional.